Contd. II-37—43/996—18-12-30.

L. S. G. (1932) Department.

MS SERIES.

G.O. No. 256 P. H.

DATED 3 - 2 - 1932.

[Despatch Abstract.]

Medical institutions - Headquarter Hospital, Mangalore - Latrine for the servants attached to nurses' quarters - Construction deferred.

C.F. 30.

Local Self-Govt. (P.H) **DEPARTMENT.**

Received 27 JAN 1932 19 . *Registered* 19 .

Subject.

Buildings-South Kanara- Mangalore- Head-quarters Hospital-constructing a latrine for the servants attached to Nurses' quarters- Estimate Rs.240/- submitted for sanction.

ENCLOSURES.
No.
Spare copies

Ref. No.70-General/32.

Station Madras , *Dated the* 25th January 19 32.

From (Name) Lt-Col. R.G.G.Croly, I.M.S.,
(Designation) Offg. Surgeon-General with the Govt. of Madras,

To The Secretary to the Government of Madras,
Local Self-Government,
Public Health Department.

Sir,

In G.O.No.Mis. 279 W., dated 31st January 1929, the Government considered that provision of quarters for the servants of the Nursing staff of the Head-quarters Hospital, Mangalore, was not necessary. The servants are living in the town, but during the day when they are working in the nurses' quarters, no latrine accommodation has been provided for them. Plans and estimate amounting to Rs.240 for the construction of a two seated latrine have been obtained from the P.W.D and submitted

herewith for sanction of Government. I consider that the work is necessary and urgent.

I have the honour to be,

Sir,

Your most obedient servant,

R A Lawly.

Lt-Col, I.M.S.,
Offg. Surgeon-General with the Govt.
of Madras.

C.S.C.25/1.

Report to accompany the estimate for constructing a latrine of two seats for Nurses quarters Government Head quarters Hospital, Mangalore.

Amount of Estimate Rs.240/-

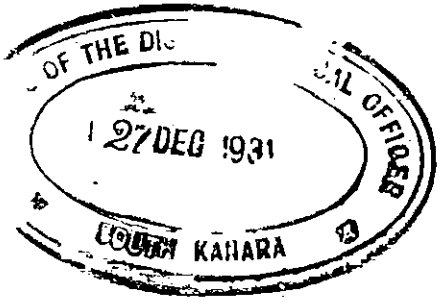
There are no latrines for the use of the servants of the Nurses near the ~~xxxxx~~ nurses' quarters. This estimate provides for a two seated one; as per design No.W.C. 217/29 followed for the latrine of the Totties huts attached to enlock Hospital. The District Medical officer wants this to be provided.

23/11/31

Executive Engineer
West Coast Division, Calicut

EVP/20-11-31

Compared
20/11/31



Mangalore

Name of Taluk.

C.F. 151.

Name of Work. Constructing a latrine of 2 seats for ~~inmates~~ Nurses quarters Govt. Hospital Mangalore.

ESTIMATE FORM—Detail Measurements.

Detail of work. (1)	Number. (2)	Measurements in feet. Length. (3)	Breadth. (4)	Depth. (5)	Area or contents. (6)	Total quantity of each description of work. (7)
Earthwork excavating foundations in red or gravelly soil :-						
Main walls all round including the screen wall in front	1	29-7½	2-9	2-9	163	
Retaining wall in front of each seat	1	3-9	1-6	2-9	15	
partition wall —	1	1-3	1-6	2-9	5	
Sand trench behind seats	1	6-0	2-9	1-0	12	
— do — —	1	6-0	3-6	0-6	8	
					203	or 210 cft.
		Total cft.				
2. Concrete broken laterite in surkhi mortar :-						
Walls all round including screen wall in front.	1	29-7½	2-0	0-9	44	
Retaining wall in front of seats —	1	3-9	1-6	0-9	4	
partition wall —	1	1-3	1-6	0-9	1	
under seats -	1	1-6	2-1½	0-9	2	
Levelling course 3" thick in front of seats —	1	4-7½	1-6¾	0-3	2	
passage —	1	1-10½	3-3	0-3	2	
					55	or 60 cft.
Total cft —						
3. Laterite stone in surkhi mortar foundations and basement.						
Walls all round including screen wall in front.	1	28-9	1-1½	4-9	129	
Retaining wall in front of seats.	1	4-7½	0-9	4-0	14	
partition wall —	1	2-0¾	0-9	4-9	6	

Name of Taluk.

C.F. 151.

Name of Work.

ESTIMATE FORM—Detail Measurements.

Detail of work. (1)	Number (2)	Measurements in feet. Length (3)	Breadth (4)	Depth (5)	Area or contents (6)	Total quantity of each description of work (7)
steps with puddle course.	4	2-1½	1-0	0-6	4	
Total					123	
Deduct for opening in rear	2	1-11½	1-1½	2-9	12	
Net total					141	or 150 cft.
4. Laterite stone in lime mortar superstructure:—						
Main wall including screen wall	1	20-3	0-9	8-6	129	
Screen wall	1	18-1½	0-9	6-0	97	
Gable at the ends	2	6-3/2	0-9	2-1	10	
partition wall	1	2-3	0-6	4-6	5	
Total					181	
Deducts for laterite honeycomb work as detailed below				50 × 3/4 =	~~detailed below~~ 38	
Net total					143	or 150 cft.
5. Laterite honeycomb work in lime mortar 9" thick with 3" square holes & plastered smooth:—						
over wall all round excluding 9" pillars at ends	1	17-3		2-0	35	
end gables	2	6-3/2		2-1	13	
Total cft					48	50 cft.
6. Wood work wrought and put up:—						
wall plate	2	9-6	0-4	0-3	1·58	
rafters at 3'-3" centres	24	2-6	0-2	0-3	1·83	
collars	4	4-6	0-2	0-3	0·75	4·25 cft.
Total cft					4·16	

7. Roofing with 1st class mangalore tiles over wood rafters 2" × 1" battens ridges churnam boards etc complete

P.T.O.

Name of Taluk. C.F. 151.

Name of Work.

ESTIMATE FORM—Detail Measurements.

Detail of work. (1)	Number. (2)	Measurements in feet. Length. (3)	Breadth. (4)	Depth. (5)	Area or contents. (6)	Total quantity of each description of work. (7)
8— Main roof	2	9-6 / ~~10-0~~	5-9 / ~~6-0~~		109 / ~~120~~	110 / ~~120~~ sft
Providing 2 nos G.I. 2 doors 2'-2" × 3'-6" with Sal wood battens 2½" × ½" including 2 brass butt hinges 3" long and one brass tower bolt 6" long / ~~2 iron~~ with brass 2 screws 1" long in each leaf including painting 2 coats						
G.I. doors	2				2	2 nos
9— Painting 2 coats :-						
wall plate —	2	9-6		1-3	22	
Rafters	8	5-6		0-10	37 / ~~24~~	
collars	4 / ~~3~~	4-6 / ~~2-6~~		0-10	15 / ~~11~~	
Purlins	2×7	9-6 / ~~10-0~~		0-6	67 / ~~70~~	
					~~132~~	or 140 sft
10. Granite cuttatone, lintels & lines dressed fit in lime mortar.					141	
Lintels over opening	2	3-0	0-9	0-6	2·25	2·25 cft.
11 Plastering with Cement ½" thick (1:3)						
partition wall — —	1×2	2-3		4-0	18 / ~~20~~	
walls all round inside & at steps —	1	29-9 / ~~30-4½~~		4-0	119	
basement all round including sides of openings	1	48-0		2-6	120	
Top of flooring front of seats —	1	5-0	2-6		13	
passage	1	2-8	3-3		7	
Steps —	1	2-1½	3-0		6	
sides of steps —	2	0-9	1-6		2	
Total —					~~288~~ 285	

Name of Taluk.

Name of Work.

C.F. 101.

ESTIMATE FORM—Detail Measurements.

Detail of work. (1)	Number. (2)	Measurements in feet. Length. (3)	Breadth. (4)	Depth. (5)	Area or contents. (6)	Total quantity of each description of work. (7)
Deduct for seat openings in masonry with Mangalore tiles as per detail total	2	1 11/12		2-6	10	300 ~~275~~
					275 ~~285~~	or ~~300~~ Sft.
12. Plastering with Trichinopoly lime mortar 1 coat and white washing 2 coats :—						
walls all round inside	1	18-6		4-6	83 ~~87~~	
Screen wall	1	7-4 1/2		2-0	15	
outside wall near steps	1	10-0		6-0	60	
—do— main walls	1	22-6		4-0	90	
gable	4	6-3		2-1	26	
		2				275
Total					~~280~~ 274	or ~~300~~ Sft.
13. ~~R.C. coating flat Coat Lime Concrete finish Both Faces mortar finish~~ 2½" thick with foot rests with the necessary reinforcement & cc complete, as per B.P.# 193.B.					2	
For seats	2	2-3	2-6		11.25	
		Total sft				11.25
14. Filling in with sand the pit in rear below seats						L.S.
15. Filling in basement with puddled earth						L.S.
16. Clearing site & levelling ground						L.S.
17 Contingencies @ 5% Supervision						

Executive Engineer

29-9-31.

Data sheet to accompany the estimate for _____

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total.
1. Earth work excavating foundations in firm red earth - 1000 Cft.									
1000 Cft	Rate as per S.I.No.37	10	10	-	1000 Cft	10	10	-	
	Deduct 10%					1	1	-	
	Net total					9	9	-	9/9/0
2. Concrete broken laterite stone in surki mortar 1 surki 1½ lime and 2 sand and 9 broken stones - 100 Cft.									
100 Cft	Rate as per S.I. No.75 f	23	8	0	100Cft	23	8	0	
110 Cft	Laterite jelly cartage 3 miles from Padavu quarry	7	0	0	"	7	11	2	
17 Cft	Lime carted 1½ miles from factory	2	8	0	"	0	6	10	
11 1/3 Cft	Surki carted 1½ miles	4	0	0	"	0	7	3	
22 2/3 Cft	Sand carted 1½ miles	4	0	0	"	0	14	6	
	Total					31	15	9	
	Deduct 10%					3	3	2	
	Net total					28	12	7	28/15/0
3. Laterite stone in surki mortar in foundation and basement 1 surki 2 lime 3 sand - 100 Cft									
100 Cft	As per S.I. No.157 b	26	1	0	100Cft	26	1	0	
110 Cft	Laterite stone carted 3 miles from Padavu quarry	8	12	0	"	9	10	0	
44 9 Cft	Lime carted 1½ miles	2	8	0	"	0	5	7	
44 Cft	Surki carted 1½ miles	4	0	0	"	0	2	11	
13½ "	Sand carted 1½ miles	4	0	0	"	0	3	8	
	Total					36	10	2	
	Deduct 10%					3	10	7	
						32	15	7	or 33/-
4. Laterite stone in lime mortar in superstructure 1 lime 2 sand - 100Cft									
100 Cft	As per S.I. 157	23	10	0	100Cft	23	10	0	
110 Cft	Laterite stone carted 3 miles from Padavu quarry	8	12	0	"	9	10	0	
9 Cft	Lime carted 1½ miles	2	8	0	"	0	3	7	
18 Cft	Sand carted 1½ miles	4	0	0	"	0	11	6	
	Total ...					34	3	1	
	Deduct 10%					3	6	9	
	Net total					30	12	4	30/12/0
5. Laterite honey comb work in lime mortar 2" thick 1' square holes plastered smooth - 100 Cft									
	As per S.I. No.106 (b)					17	6	0	
500 Nos.	@ 0/710 x 100 Cft laterite								

P.W.D. V-89—51,816—6-8-31.

Data sheet to accompany the estimate for_____

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total.
	stones 9" x 9" x 3" carted 3 miles from adavu	0	12	0	100cft	6	2	7	
40cft	lime carted 1½ miles	2	3	0	"	0	1	7	
8 cft	sand carted 1½ miles	4	0	0	"	0	5	1	
	Total					23	15	3	
	Deduct 10%					2	6	4	
	Net cost					21	8	11	or 21/8/0
1.	Irool wood wrought and put up - 1 cft.								
1 cft	As per S.I.W.311					3	12	0	
	Deduct 10%					0	6	0	
	Net total					3	6	0	
7.	Roofing with 1st class Calicut tiles over Irool teak 2"x1" including setting tiles bed in chunam and flush pointing complete - complete 100 sft.								
100 Sft	Roofing as per S.I.W.307 for tiles					20	1	0	
110 rft	Rafters deduct difference in cost between teak and Irool rafters (7-2-0 - 4-6-0)	2	12	0	100rft	3	0	3	
	Net total					17	0	7	
12 Nos.	Tiles carted 2½ miles from Perpoo	3	12	0	1000	0	8	8	
2½ cft	lime carted 1½ miles	3	8	0	100cft	0	1	0	
5 cft	sand carted 1½ miles	4	0	0	"	0	3	2	
	Total cost					17	13	5	
	Deduct 10%					1	12	6	
	Net total					16	0	11	or 16/1/-
8.	Providing 20 S.W.G. Galvanised iron door 3'-2" x 3'-6" with Irool wood battens 2½" x 1½" including brass butt hinges 3" long and one brass tower bolt 3" long fixed with brass screws 1" long and turning 2 coats								
7.58 Sft	G.I.sheet 20 S.W.G. including wastage 3'-2" x 3'-6" 7.58 sftC	0	7	0	sft.	3	5	1	Excluding 10% reduction.
0.35 Cft	Irool wood wrought and put up (Horizontal battens 3 x 2'-2" vertical 2 x 3'-6" or 15.6 @ 2½" x 1½" 0.35 cft	3	12	0	1 cft	1	5	0	
2 Nos.	brass butt hinges 3" long x 1½"	0	10	0	each	1	4	0	
1 No.	brass tower bolt 6" long	0	14	6	"	0	14	6	
3 doz.	brass screws 1" long	0	5	0	doz.	0	15	0	
7.58 sft	Labour for fixing G.I.sheet to wooden frame including								

Data sheet to accompany the estimate for _____

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total.
	including nails & screws &c.	0	0	6	1 sft	0	3	9	
7.13 sft.	tarring 2 coats	1	4	0	100 sft	0	3	5	
2	wooden blocks 3"x4"x6" fixed in wall in cement for fixing hinges	0	4	0	each	0	2	0	
	Total					8	10	9	
	Deduct 10%					0	13	11	
	Net total					7	12	10	or 7/13/0
9.	Tarring 2 coats - 100 sft.								
	As per S.Item No.303					1	3	0	
	50% for conveyance of tar and heating					0	1	0	
	Total					1	4	0	
	Deduct 10%					0	2	0	
	Net tarring rate					1	2	0	
10.	Granite cut stone & lime dressed set in lime mortar 1 lime 3 sand - 1 cft								
1 cft	cutstone as per S.I.No.44					2	9	0	
1 cft	cutstone carted from Kilur 8 miles	22	15	0	100Cft	0	5	8	
	Add for setting in lime mortar including cost of lime mortar					0	2	0	
	Total					2	14	8	
	Deduct 10%					0	4	8	
	Net total					2	10	0	
11.	Plastering with cement 1/2" thick 1 cement 3 sand - 100 sft.								
100 sft	Plastering as per S.I.No.208 including reduction in the rate of cement					7	1	0	
1½ cft	cement carted 1 mile	3	0	0	100Cft	0	0	9	
4½ cft	sand carted 1½ miles	4	0	0	"	0	2	11	
	Total					7	4	8	
	Deduct 10%					0	11	8	
	Net total					6	9	0	6/9/0
12.	Plastering with lime mortar one coat and white-washing 2 coats -100 sft								
100 sft	Plastering as per S.I.No.199					3	4	0	
2½ cft	Lime carted 1½ miles	2	0	0	100Cft	0	1	0	
5 cft	sand carted 1½ miles	4	0	0	"	0	3	2	
100 sft	Whitewashing 2 coats as per S.I.257					0	5	6	
	Total					3	13	8	
	Deduct 10%					0	6	2	
	Net total					3	7	6	or 3/8

P.W.D. V-89—51,816—6-8-31.

Data sheet to accompany the estimate for _____

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total.
13.	.C. squatting plate 2½" thick with foot rests with the necessary reinforcement &c., complete - 1 cft. as per B.P.W. No.193 D								
5/24 cft	ferroconcrete(1'x1'x2½")	3	0	0	1 cft	0	10	0	
	Add for extra labour and materials required for forming foot rests &c					0	2	0	
	Total					0	12	0	
	Deduct 10%					0	1	2	
	Net total					0	10	0	or 0/11/0

certified that the leads allowed in the data above are correct.

Sd. Syed Abdul Hakki
... Calore.
1-10-31

Sd.P. Srinivasa Rao,
A.D.C. Bangalore.
3-10-31

ESTIMATE FORM—Abstract.

Item number. (1)	Quantity. (2)	Description of work. (3)	Rate. (4)	Per (5)	Amount (6)	Total. (7)
			Rs.		Rs.	Rs.
1.	210 Cft	Earthwork excavating foundation in red or in gravelly soil	9/9/0	1000Cft	2	
2.	60 Cft	Concrete broken laterite in surki mortar	28/13/0	100Cft	17	
3.	150 Cft	Laterite stone in surki mortar in foundations and basement	33/0/0	100Cft	50	
4.	150 Cft	Laterite stone in lime mortar superstructure	30/12/0	100Cft	46	
5.	50 Sft	Laterite honey comb work in lime mortar/9" thick with 3" square holes and plastered smooth	21/9/0	100sft	11	
6.	4.25 cft	Erool wood wrought and put up	3/6/0	1 cft	14	
7.	110 Cft	Roofing with 1st class Mangalore tiles over erool reepers 2"x1" setting ridges in chunam borders etc complete	16/1/0	100sft	18	
8.	2 Nos.	Providing 20 B.W.G. G.I.doors 2'-2" x 3'-6" with erool wood battens 2½"x1½" including 2 brass butt hinges 3" long and brass tower bolt 6" long fixed with brass screws including tarring 2 coats	7/13/0	each	16	
9.	140 sft	Tarring 2 coats	1/2/0	100sft	2	
10.	2.25 cft	Granite cutstone lintels/dressed 2 lines set in lime mortar	2/10/0	1 cft	6	
11.	300 sft	Plastering with cement 1/2" thick 1:3	6/9/0	100sft	20	
12.	275 sft	Plastering with lime mortar 1 coat & whitewashing 2 coats	3/8/0	100sft	10	
13.	11.25 sft	R.C.squatting plate 2½" thick with foot rests and with necessary reinforcement &c complete as per B.P.H. 193	0/11/0	1 sft	8	
14.	L.S.	Filling in with sand the pit in rear and below seats		L.S.	3	
15.	L.S.	Filling in basement with puddled earth		L.S.	3	
16.	L.S.	Clearing site and levelling ground		L.S.	3	
17.		Contingencies and petty supervision			11	
		Grand total of estimate		...	240/-	

Grand total of estimate ... 240

Lt Col
~~Major General~~, I.M.S.,
~~Surg~~ to the
~~Government~~ of Madras.

Executive Engineer.
West Coast Division

Station Manjeshwar
Date 20.11.37

Compared
VM
20.11.37
RNC
20/11/37

3/12/37

P.W.D. V-14—103,320—6-8-31 (6).

E. No. 32.

CIRCLE— Coimbatore

DIVISION— West Coast

DISTRICT— South Kanara

TALUKS (OR ESTATE IN CASE OF ESTATE WORKS).
Mangalore.

ESTIMATE FORM—Abstract.

Financial head—

Budget head—

Departmental head—

Main head—

Sub-head—

Project of which the work forms part—

Section—

Name of work—

Constructing a latrine of 2 seats for the nurses quarters Government Hd. quarter Hospital Mangalore.

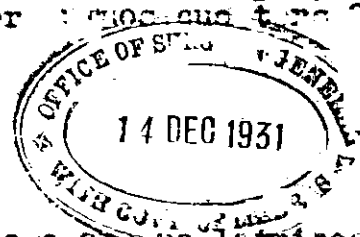
Amount of estimate, Rs. 240/-

To be carried out by— P. W. D

REFERENCES.

Report to accompany the estimate for constructing a latrine of two seats for [illegible] Government Head Quarters Capital, Mangalore.

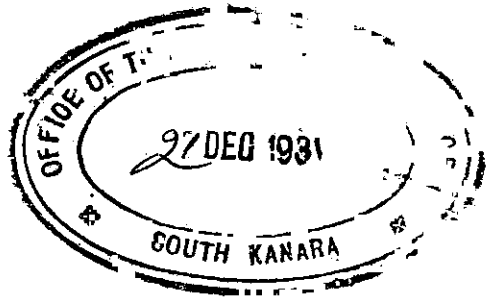
Amount of Estimate Rs.240/-



There are no latrines for the use of the servants of the nurses near the [illegible] nurses' quarters. This estimate provides for a two seated one; as per design No.P.C. 217/29 followed for the latrine for the cottage huts attached to Benlock Hospital. The District Medical officer wants this to be provided.

Executive Engineer,
[illegible] Division, Cellar.

PWD/20-11-31



P.W.D. V-89—51,816—6-8-31.

Data sheet to accompany the estimate for _____

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total.
	stones 9" x 9" x 3" carted 5 miles from Padavu	8	12	0	100Cft	6	2	7	
4Cft	lime carted 1½ miles	2	8	0	"	0	1	7	
8 Cft	Sand carted 1½ miles	4	0	0	"	0	5	1	
	Total					23	15	3	
	Deduct 10%					2	6	4	
	Net cost					21	8	11	or 21/9/0
6.	Irool wood wrought and put up - 1 cft.								
1 cft	As per S.I.No.311					3	12	0	
	Deduct 10%					0	6	0	
	Net total					3	6	0	
7.	Roofing with 1st class Pangalore tiles over Irool reepers 2"x1" including setting ridge tiles in chunam and chunam borders &c - complete 100 Sft.								
100 Sft	Roofing as per S.I.257 with t.W.reepers					20	1	0	
110 rft	reepers deduct difference in cost between teak and Irool reepers (7-2-0 - 4-6-0)	2	12	0	100rft	3	0	5	
	Net total					17	0	7	
145 Nos.	Tiles carted 2½ miles from Jeppoo	3	12	0	Nos 1000	0	8	8	
2½ cft	lime carted 1½ miles	2	8	0	100Cft	0	1	0	
5 cft	sand carted 1½ miles	4	0	0	"	0	3	2	
	Total cost					17	13	5	
	Deduct 10%					1	12	6	
	Net total					16	0	11	or 16/1/0
8.	Providing 20 B.W.G. galvanised iron door 2'-2" x 3'-6" with Irool wood battens 2½" x 1½" including brass butt hinges 3" long and one brass tower bolt 6" long fixed with brass screws 1" long and painting 2 coats								
7.58 Sft	G.I.sheet 20 B.W.G. including wastage 2'-2" x 3'-6" 7.58 sft	0	7	0	Sft.	3	5	1	Excluding 10% reduction.
0.35 Cft	Irool wood wrought and put up (Horizontal battens 3 x 2'-2" verti 2 x 3'-6" or 13.6 ft 2½" x 1½" 0.35 cft	3	12	0	1 Cft	1	5	0	
2 Nos.	brass butt hinges 3" long x 1½"	0	10	0	each	1	4	0	
1 No.	brass tower bolt 6" long	0	14	6	"	0	14	6	
3 doz.	brass screws 1" long	0	5	0	doz.	0	15	0	
7.58 sft	Labour for fixing G.I.sheet to wooden frame including								

Data sheet to accompany the estimate for _____

OFFICE OF SURGEON
14 DEC 1931

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
		Rs. A. P.		Rs. A. P.	
	1. Earthwork excavating foundations in firm red earth - 1000 Cft.				
1000 Cft	Rate as per S.I.No.27	10 10 -	1000 Cft	10 10 -	
	Deduct 10%			1 1 -	
	Net total			9 9 -	9/9/0
	2. Concrete broken laterite stone in surki mortar 1 surki 1½ lime and 2 sand and 9" broken stones - 100 Cft.				
100 Cft	Rate as per S.I.No.75 A	22 8 0	100Cft	22 8 0	
110 Cft	Laterite jelly cartage 3 miles from Padavu quarry	7 0 0	"	7 11 2	
17 Cft	Lime carted 1½ miles from factory	2 8 0	"	0 6 10	
11 1/3 Cft	Surki carted 1½ miles	4 0 0	"	0 7 3	
22 2/3 Cft	Sand carted 1½ miles	4 0 0	"	0 14 0	
	Total			31 15 9	
	Deduct 10%			3 3 2	
	Net total			28 12 7	28/13/0
	3. Laterite stone in surki mortar in foundation and basement 1 surki 2 lime 3 sand - 100 Cft				
100 Cft	As per S.I.No.157 b	26 1 0	100Cft	26 1 0	
110 Cft	Laterite stone carted 3 miles from Padavu quarry	8 12 0	"	9 10 0	
4½ 9 Cft	Lime carted 1½ miles	2 8 0	"	0 3 7	
4½	Surki carted 1½ miles	4 0 0	"	0 2 11	
15½	Sand carted 1½ miles	4 0 0	"	0 8 8	
	Total			36 10 2	
	Deduct 10%			3 10 7	
				32 15 7	or 33/-
	4. Laterite stone in lime mortar in superstructure 1 lime 3 sand - 100Cft				
100 Cft	As per S.I. 157	23 10 0	100Cft	23 10 0	
110 Cft	Laterite stone carted 3 miles from Padavu quarry	8 12 0	"	9 10 0	
9 Cft	Lime carted 1½ miles	2 8 0	"	0 3 7	
18 Cft	Sand carted 1½ miles	4 0 0	"	0 11 0	
	Total ...			34 3 1	
	Deduct 10%			3 0 9	
	Net total			30 12 4	30/12/0
	5. Laterite honey comb work in lime mortar 9" thick with 5" square holes and plastered smooth - 100 Sft				
500 Nos.	As per S.I.No.106 a or 500/710 x 100 Cft laterite			17 0 0	

P.W.D. V-80—51,816—16-8-31.

Data sheet to accompany the estimate for _____

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total.
	13. R.C. squatting plate 2½" thick with foot rests with the necessary reinforcement &c., complete - 1 sft. as per S.P.H. No.193 B								
5/24 cft	ferroconcrete(1'x1'x2½")	3	0	0	1'cft	0	10	0	
	Add for extra labour and materials required for forming foot rests &c					0	2	0	
	Total					0	12	0	
	Deduct 10%					0	1	2	
	Net total					0	10	0	or/0/11/0

certified that the loads allowed in the data above are correct.

Sd.Syed Abdul Hakkim
A.E. Mangalore.

Sd.P.Srinivasa Iyer,
S.D.O. Mangalore.

Data sheet to accompany the estimate for _____

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total.
	including nails & screws &c.	0	0	6	1 sft	0	3	9	
7.58 x2½ Sft.	tarring 2 coats	1	4	0	100Sft	0	5	9	
2 Nos.	Wooden blocks 3"x4"x6" fixed in wall in cement for fixing hinges	0	4	0	each	0	8	0	
	Total					8	10	9	
	Deduct10%					0	13	11	
	Net total					7	12	10	or 7/13½
9.	Tarring 2 coats - 100 Sft.								
	As per S.Item No.303					1	3	0	
	Add for conveyance of tar and heating					0	1	0	
	Total					1	4	0	
	Deduct 10%					0	2	0	
	Net tarring rate					1	2	0	
10.	Granite cut stone 2 line dressed set in lime mortar 1 lime 2 sand - 1								
1 cft	cutstone as per S.I.No.44					2	9	0	
1 cft	cutstone carted from Kulur 8 miles	22	15	0	100Cft	0	3	8	
	Add for setting in lime mortar including cost of lime mortar					0	2	0	
	Total					2	14	8	
	Deduct 10%					0	4	8	
	Net total					2	10	0	
11.	Plastering with cement 1/2" thick 1 cement 3 sand - 100 Sft.								
100 Sft	Plastering as per S.I.No.208 including reduction in the rate of cement					7	1	0	
1⅓ cft	cement carted 1 mile	3	0	0	100Cft	0	0	9	
4 cft	sand carted 1½ miles	4	0	0	"	0	2	11	
	Total					7	4	8	
	Deduct 10%					0	11	8	
	Net total.					6	9	0	6/9/0
12.	Plastering with lime mortar one coat and white-washing 2 coats -100Sft								
100 Sft	Plastering as per S.I.No.199					3	4	0	
2½ cft	Lime carted 1½ miles	2	8	0	100Cft	0	1	0	
5 cft	sand carted 1½ miles	4	0	0	"	0	3	2	
100 sft	whitewashing 2 coats as per S.I.237					0	5	6	
	Total					3	13	3	
	Deduct 10%					0	6	2	

ESTIMATE FORM—Abstract.

Item number. (1)	Quantity. (2)	Description of work. (3)	Rate. (4)	Per (5)	Amount (6)	Total. (7)
			Rs.		Rs.	Rs.
1.	210 Cft	Earthwork excavating foundation in red or in gravelly soil	9/9/0	100Cft	8	
2.	60 Cft	Concrete broken laterite in surki mortar	28/13/0	100Cft	17	
3.	150 Cft	Laterite stone in surki mortar in foundations and basement	33/0/0	100Cft	50	
4.	150 Cft	Laterite stone in lime mortar superstructure	30/12/0	100Cft	46	
5.	50 Cft	Laterite honey comb work in lime mortar/9" thick with 3" square holes and plastered smooth	21/9/0	100sft	11	
6.	4.25 cft	Wrought wood wrought and put up	3/5/0	1 cft	14	
7.	110 Cft	Roofing with 1st class Mangalore tiles over wrought rafters 2"x1" setting ridges in chunam borders etc complete	16/1/0	100sft	18	
8.	2 Nos.	Providing 20 B.W.G. G.I.doors 2'-2" x 3'-6" with wrought wood battens 2½"x1½" including 3 brass butt hinges 5" long and brass tower bolt 6" long fixed with brass screws including tarring 2 coats	7/13/0	each	16	
9.	141 sft	Tarring 2 coats	1/2/0	100sft	2	
10.	2.25 cft	Granite cutstone lintels/dressed set in lime mortar	3/10/0	1 cft	6	
11.	390 sft	Plastering with cement 1/2" thick 1:3	6/9/0	100sft	20	
12.	275 sft	Plastering with lime mortar 1 coat & whitewashing 2 coats	3/3/0	100sft	10	
13.	11.25 cft	W.C.squatting plate 2½" thick with foot rests and with necessary reinforcement &c complete as per B.P.W. 193	6/11/0	1 cft	8	
14.	L.S.	Filling in with sand the pit in rear and below seats		L.S.	3	
15.	L.S.	Filling in basement with puddled earth		L.S.	3	
16.	L.S.	Clearing site and levelling ground		L.S.	3	
17.		Contingencies and petty supervision			11	
		Grand total of estimate	...		240/-	

Grand total of estimate ... 240

Station _____

Date _____ 193 .

Executive Engineer.
West Coast Division

P.W.D. V-14—103,320—6-8-31 (6).

E. No. 32.

CIRCLE— Coimbatore

DIVISION— East Coast

DISTRICT— South Canara

TALUKS (OR ESTATE IN CASE OF ESTATE WORKS).

Bangalore.

ESTIMATE FORM—Abstract.

Financial head—

Budget head—

Departmental head—

Main head—

Sub-head—

Project of which the work forms part—

Section—

Name of work—

Constructing a latrine of 2 seats for the nurses quarters Government Hospital Bangalore.

quarter

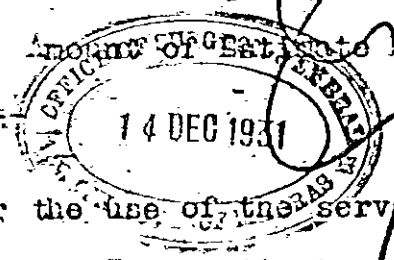
Amount of estimate, Rs. 240/-

To be carried out by— P W D

REFERENCES.

Report to accompany the estimate for constructing a latrine of two seats for Nurses quarters Government Head quarters Hospital, Mangalore.

Amount of Estimate Rs.240/-

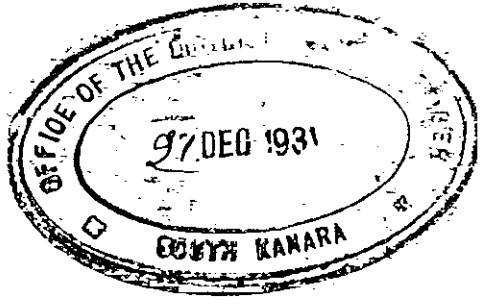


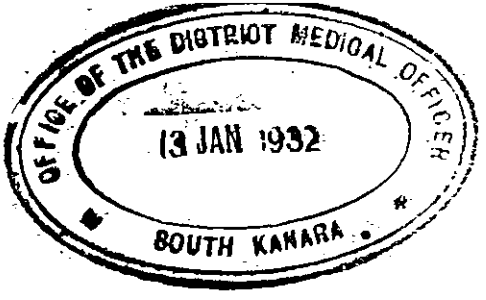
There are no latrines for the use of the servants of the Nurses near the ~~xxxxx~~ nurses' quarters. This estimate provides for a two seated one; as per design No.W.C. 217/29 followed for the latrine of the Totties huts attached to Wenlock Hospital. The District Medical officer wants this to be provided.

Executive Engineer,
West Coast Division, Calicut.

PVP/20-11-31

Compared
20.11.31





Data sheet to accompany the estimate for _____

OFFICE OF SUPERINTENDING ENGINEER
14 DEC 1931
GOVT OF MADRAS

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
		Rs. A. P.		Rs. A. P.	
	1. Earthwork excavating foundations in firm soil earth - 1000 Cft.				
1000 Cft	Rate as per S.I.No.27	10 10 -	1000 Cft	10 10 -	
	Deduct 10%			1 1 -	
	Net total			9 9 -	9/9/0
	2. Concrete broken laterite stone in surki mortar 1 surki 1½ lime and 2 sand and 9 broken stones - 100 Cft.				
100 Cft	Rate as per S.I.No.75 A	22 8 0	100Cft	22 8 0	
110 Cft	Laterite jally cartage 3 miles from Padavu quarry	7 0 0	"	7 11 2	
17 Cft	Lime carted 1 miles from factory	3 8 0	"	0 6 10	
11 1/3 Cft	Surki carted 1½ miles	4 0 0	"	0 7 3	
22 2/3 Cft	Sand carted 1½ miles	4 0 0	"	0 14 6	
	Total			51 15 9	
	Deduct 10%			3 5 2	
	Net total			28 12 7	28/13/0
	3. Laterite stone in surki mortar in foundation and basement 1 surki 2 lime 3 sand - 100 Cft				
100 Cft	As per S.I.No.157 b	26 1 0	100Cft	26 1 0	
110 Cft	Laterite stone carted 3 miles from Padavu quarry	8 12 0	"	9 10 0	
4½ 9 Cft	Lime carted 1½ miles	3 8 0	"	0 5 7	
4½	Surki carted 1½ miles	4 0 0	"	0 2 11	
13½	Sand carted 1½ miles	4 0 0	"	0 8 6	
	Total			36 10 2	
	Deduct 10%			3 10 7	
				32 15 7	or 33/-
	4. Laterite stone in lime mortar in superstructure 1 lime 2 sand - 100Cft				
100 Cft	As per S.I. 157	23 10 0	100Cft	23 10 0	
110 Cft	Laterite stone carted 3 miles from Padavu quarry	8 12 0	"	9 10 0	
9 Cft	Lime carted 1½ miles	3 8 0	"	0 5 7	
18 Cft	Sand carted 1½ miles	4 0 0	"	0 11 6	
	Total ...			34 3 1	
	Deduct 10%			3 6 9	
	Net total			30 12 4	30/12/0
	5. Laterite honey comb work in lime mortar 9" thick with 3" square holes and plastered smooth - 100 Cft				
500 Nos.	As per S.I.No.106 a or 500/710 x 100 Cft laterite			17 6 0	

P.W.D. V.89—51,816—6-8-31.

Data sheet to accompany the estimate for _____

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total.
	stones 9" x 9" x 3" carted 5 miles from Padavu	3	12	0	100cft	6	2	7	
4Cft	lime carted 1½ miles	2	8	0	"	0	1	7	
8 Cft	Sand carted 1½ miles	4	0	0	"	0	5	1	
	Total					23	15	3	
	Deduct 10%					2	6	4	
	Net cost					21	8	11	or 21/9/0
6.	Irool wood wrought and put up - 1 cft.								
1 cft	As per S.I.No.311					3	12	0	
	Deduct 10%					0	6	0	
	Net total					3	6	0	
7.	Roofing with 1st class Mangalore tiles over Irool reepers 3"x1" including cutting ridge tiles in chunam and chunam borders complete - 100 sft.								
100 Sft	Roofing as per S.I.257 with t.W.reepers					20	1	0	
110 rft	reepers deduct difference in cost between teak and Irool reepers (7-3-0 - 4-6-0)	2	12	0	100rft	3	0	5	
	Net total					17	0	7	
145 Nos.	Tiles carted 2½ miles from Jeppoo	3	12	0	Nos 1000	0	8	8	
2½ cft	lime carted 1½ miles	2	8	0	100cft	0	1	0	
5 cft	sand carted 1½ miles.	4	0	0	"	0	3	2	
	Total cost					17	13	5	
	Deduct 10%					1	12	6	
	Net total					16	0	11	or 16/1/0
8.	Providing 20 B.W.G. galvanised iron door 2'-3" x 3'-6" with Irool wood battens 2½" x 1½" including brass butt hinges 3" long and one brass tower bolt 6" long fixed with brass screws 1" long and tarring 2 coat								
7.58 Sft	G.I.sheet 20 B.W.G. including wastage 2'-2" x 3'-6" 7.58	Sft0	7	0	Sft.	3	5	1	Excluding 10 reduction.
0.35 Cft	Irool wood wrought and put up (Horizontal battens 3 x 2'-2" vertl 2 x 3'-6" or 13.6 ft 2½" x 1½" 0.35 cft	3	12	0	1 Cft	1	5	0	
2 Nos.	brass butt hinges 3" long x 1½"	0	10	0	each	1	4	0	
1 No.	brass tower bolt 6" long	0	14	6	"	0	14	6	
3 doz.	brass screws 1" long	0	5	0	doz.	0	15	0	
7.58 sft	Labour for fixing G.I.sheet to wooden frame including								

Data sheet to accompany the estimate for _____

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total.
	including nails & screws &c.	0	0	0	1 cft	0	3	9	
7.58 m2½ sft.	tarring 2 coats	1	4	0	100cft	0	5	3	
2 Nos.	Wooden blocks 3"x4"x6" fixed in wall in cement for fixing hinges	0	4	0	each	0	3	0	
	Total					8	10	9	
	Deduct10%					0	13	11	
	Net total					7	12	10	or 7/13/0
9.	Tarring 2 coats - 100 sft.								
	As per S.Item No.305					1	3	0	
	Add for conveyance of tar and heating					0	1	0	
	Total					1	4	0	
	Deduct 10%					0	2	0	
	Net tarring rate					1	2	0	
10.	Granite cut stone 2 line dressed set in lime mortar 1 lime 2 sand - 1 cft								
1 cft	cutstone as per S.I.No.44					2	9	0	
1 cft	cutstone carted from Pulur — 8 miles —	22	15	0	100cft	0	5	8	
	Add for setting in lime mortar including cost of lime mortar					0	2	0	
	Total					2	14	8	
	Deduct 10%					0	4	8	
	Net total					2	10	0	
11.	Plastering with cement 1/2" thick 1 cement 3 sand - 100 sft.								
100 sft	Plastering as per S.I.No.208 including reduction in the rate of cement					7	1	0	
1½ cft	cement carted 1 mile	5	0	0	100cft	0	0	9	
4 cft	sand carted 1½ miles	4	0	0	"	0	2	11	
	Total					7	4	8	
	Deduct 10%					0	11	8	
	Net total					6	9	0	6/9/0
12.	Plastering with lime mortar one coat and white-washing 2 coats -100cft								
100 sft	Plastering as per S.I.No.199					3	4	0	
2½ cft	Lime carted 1½ miles	2	8	0	100cft	0	1	0	
5 cft	sand carted 1½ miles	4	0	0	"	0	3	2	
100 sft	whitewashing 2 coats as per S.I.237					0	5	6	
	Total					3	13	8	
	Deduct 10%					0	6	2	

P.W.D. V-39—51,816—6-8-31

Data sheet to accompany the estimate for _____

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total.
13. R.C. reinforce	squatting plate 3/4 thick with foot rests with the necessary cut &c., complete - 1 sft. as per B.P.W. No.103 B								
5/24 cft	ferroconcrete(1'x1'x2½")	5	0	0	1 cft	0	10	0	
	Add for extra labour and materials required for forming foot rests &c					0	2	0	
	Total					0	12	0	
	Deduct 10%					0	1	2	
	Net total					0	10	0	or 0/11/0

certified that the leads allowed in the data above are correct.

d. Syed Abdul Hakkim
. . Asst Engineer.

d. K. Srinivasa Iyer,
A.D.O. in charge.

ESTIMATE FORM—Abstract.

Item number. (1)	Quantity. (2)	Description of work. (3)	Rate. (4)	Per (5)	Amount (6)	Total. (7)
			Rs.		Rs.	Rs.
1.	210 Cft	Earthwork excavating foundation in red or in gravelly soil	9/9/0	1000cft	2	
2.	60 Cft	Concrete broken laterite in surki mortar	28/13/0	100cft	17	
3.	150 Cft	Laterite stone in surki mortar in foundations and basement	33/0/0	100cft	50	
4.	150 Cft	Laterite stone in lime mortar superstructure	30/12/0	100cft	46	
5.	50 Sft	Laterite honey comb work in lime mortar/9" thick with 3" square holes and plastered smooth	21/9/0	100sft	11	
6.	4.25 cft	Erool wood wrought and put up	3/5/0	1 cft	14	
7.	110 Sft	Roofing with 1st class Mangalore tiles over erool roepers 2"x1" setting ridges in chunam borders etc complete	16/1/0	100sft	18	
8.	2 Nos.	Providing 20 B.W.G. G.I.doors 2'-2" x 3'-6" with erool wood battons 2½"x1½" including 2 brass butt hinges 3" long and brass tower bolt 6" long fixed with brass screws including tarring 2 coats	7/13/0	each	16	
9.	140 sft	Tarring 2 coats	1/2/0	100sft	2	
10.	2.25 cft	Granite cutstone lintels/dressed 2 lines set in lime mortar	2/10/0	1 cft	6	
11.	300 sft	Plastering with cement 1/2" thick 1:3	6/9/0	100sft	20	
12.	275 sft	Plastering with lime mortar 1 coat & whitewashing 2 coats	3/3/0	100sft	10	
13.	11.25 sft	R.C.squatting plate 2½" thick with foot rests and with necessary reinforcement &c complete as per B.P.H. '193	0/11/0	1 sft	8	
14.	L.S.	Filling in with sand the pit in rear and below seats		L.S.	3	
15.	L.S.	Filling in basement with puddled earth		L.S.	3	
16.	L.S.	Clearing site and levelling ground		L.S.	3	
17.		Contingencies and petty supervision			11	
		Grand total of estimate ...			240/-	

Grand total of estimate ... 240

STATION _____

Date 30/11/31 193 .

Executive Engineer.
West Coast Division

P.W.D. V-14—103,320—6-8-31 (6)

E. No. 32.

CIRCLE— Coimbatore

DIVISION— West Coast

DISTRICT— South Kanara

TALUKS (OR ESTATE IN CASE OF ESTATE WORKS).
Mangalore.

ESTIMATE FORM—Abstract.

Financial head—

Budget head—

Departmental head—

Main head—

Sub-head—

Project of which the work forms part—

Section—

Name of work—

Constructing a latrine of 2 seats for the nurses quarters Government Hospital Mangalore.

quarter

Amount of estimate, Rs. 240/-

To be carried out by— P.W.D

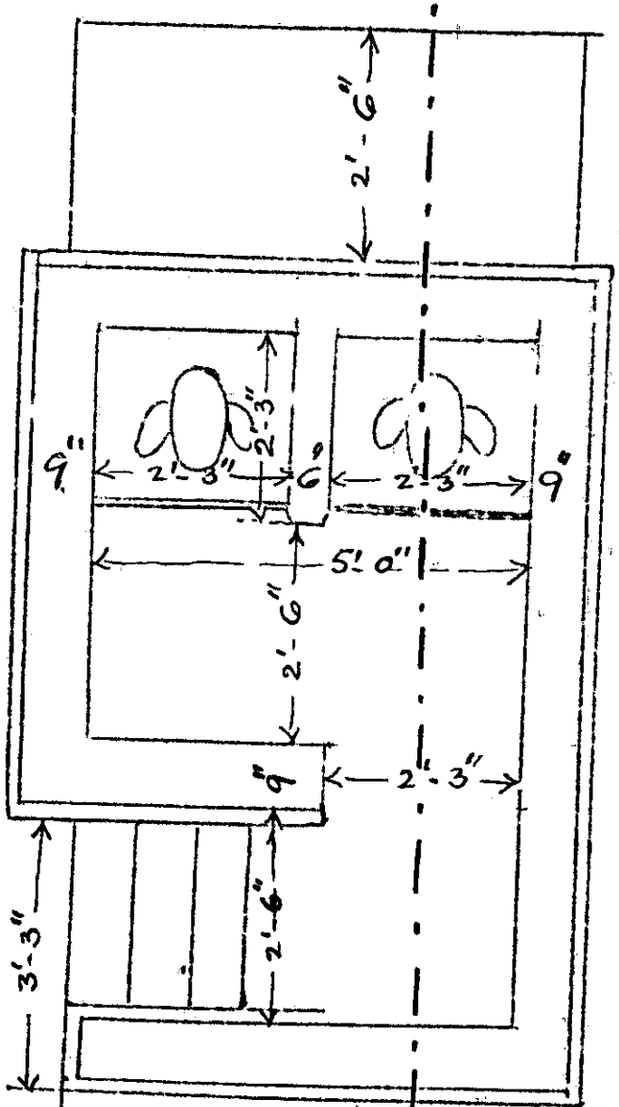
REFERENCES.

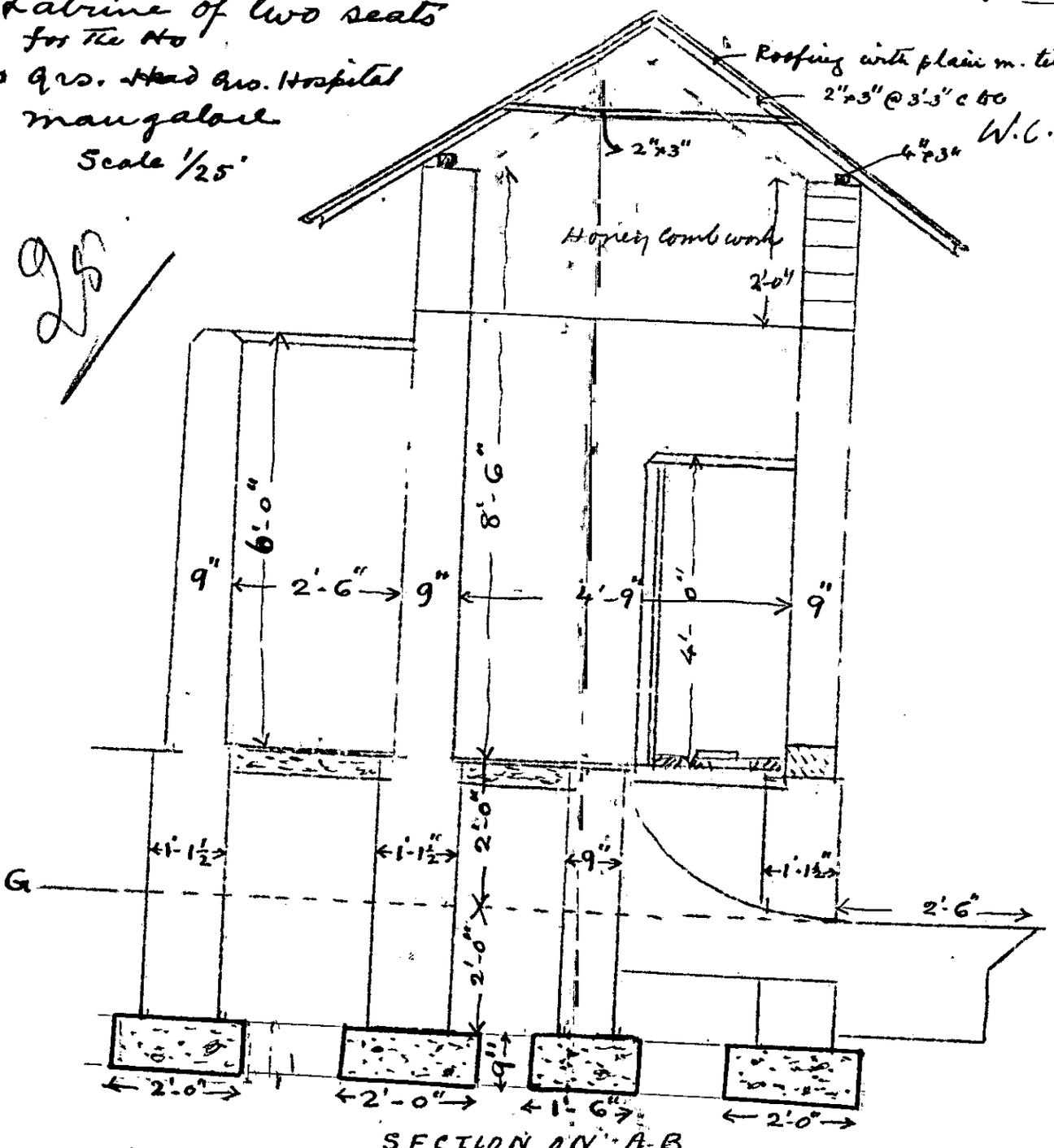
Barracks Design No W.C. 217
29

Masonry Latrine of two seats for the No 1 Nurses qrs. Head Qrs. Hospital mangalore

Scale 1/25

W.C. No 198/31





SECTION ON A-B

Lieut-Col
Major-General, I.M.S.,
Off Surgeon-General with the
Government of Madras.
20-1-32

A

Executive Engineer
16/1/32
West Coast Division

Asst Director of Hygiene
25/8/31

Site plan of Nurses. Qrs.
V+8 Qrs. Hospital maugalam
Showing the proposed
site of Latrine
Scale 1" = 22'.

W.C. No. 190A/31

TO HOSPITAL

D.M.O'S. OFFICE

WELL

DRY STONE REVETMENT

Trial Pit

1'-6" made up earth.
2'-9"
Nil 3" Red earth
Hard Red Earth mixed with gravel

FRONT.

NURSE'S QUARTERS

DRAIN

KITCHEN BLOCK

OWELL 9' D x 8'45' DEEP

DRESSED DRY STONE REVETMENT. 9" THICK.

mud-wall

Site of Proposed T.P. & Latrine.

DRAIN

N A N D I G U D D E R O A D → TO RY. STA.

c/o Site for latrine

Received
Surgeon General, I.M.S.,
Hfq Surgeon-General with the
Government of Madras.

EXECUTIVE ENGINEER
WEST COAST DIVISION

20-1-32

Sd/- Abdul Hakim
Soin
27/8/31

7.11.31

Site plan of Nurses Qrs.
N° 9 Qrs. Hospital mangalore
Showing the proposed
site of Latrine
Scale 1" = 22'.

96

TO HOSPITAL.

D.M.O'S. OFFIC

WELL

DRY STONE REVETMENT

N W.C. No. 190A/31

Trial Pit

1'-6" made up earth.
2'-9"
1'-3" Red earth
Hard Red Earth mixed with gravel

FRONT.

NURSE'S QUARTERS

KITCHEN BLOCK

DRAIN

OWELL 9' D. & 45' DEEP

DRESSED DRY STONE REVETMENT. 9" THICK.

mud-wall

Site of Proposed Latrine.

DRAIN

NANDIGUDDE ROAD → TO RY. STATN.

Recd Sketch of Site for latrine

Recd
Dept. General, I.M.S.,
Offg Surgeon-General with the
Government of Madras.

EXECUTIVE ENGINEER
WEST COAST DIVISION
20-1-32

Lt Col Hakim
Snr
27/8/31

7-11-31

Govt (O.H) Deptt

Buildings - - H.Q. Govt. hospital, Mangalore.
Construction of latrine for the servants
of the nursing staff.

G.O. No. 3372 from the S.G. Ref. No. 70-General/32 dt
25.1.1932.

The S.G. has submitted plans and
Estimates for Rs 240 for the Construction
of a latrine of two seats for the
use of the servants of the nursing staff
of the Head-quarter hospital, Mangalore
p 2 cf. He considers that the work is necessary
" 1 " and urgent. The servants are living
in the town & no Govt quarters are
provided for them. In G.O. No. 279 W,
(W) dt 31.1.1929, a proposal for the construction
of quarters for the servants was turned
down as unnecessary. In paragraph 2
(W) of the note on page 8 of the G.O. it is
stated that it is not usual to provide
quarters for the servants of nurses.
It will therefore follow that the Construction
of a latrine for such servants should
be considered as unnecessary. An additional
ground for rejecting the present proposal
is the present financial stringency

In Ro.No. 4890 D.H., dt. 17.x.1931, the S.G.'s proposal to construct a latrine for the Compounder's quarters attached to the Govt Hospl., Conjeevaram, was deferred "in view of present financial stringency". There is therefore no case for accepting the S.G.'s present proposal.

2. A draft order is submitted for approval.

30.1.32.

(T)

READ ALSO :-

No 3372 From the S. G. Ref No 70-Genl/32 dated 25. 1. 1932.

" " " " " " 19 .

" " " " " " 19 .

ORDER.

No 256 PH , dated 3-2- 19 32

Govt regret their inability to accept the S.G.'s proposal for the construction of a latrine for the servants of the nurses of the Head-quarters hospital, Mangalore.

30-1-32.

To

The S.G. (Q10)

Dpd

Van

Port

Manger

Date 4-2-32

Secrt. II-5 (a)

Hosp (D.H.) DEPARTMENT.

	Date.	Initials
When received for Fair-copying		
When copied		HK 3/2
When examined		
When signed		MM 3/2
When despatched		HK 3/2

READ AGAIN G.O. No. , dated 19 .

" " " " 19 .

READ ALSO :—

C No. 3372 From the S. G. Ref No 70-Genl/32 dated 25. 1. 1932.

" " " " " " 19 .

" " " " " " 19 .

ORDER.

No 256 PH , dated 3-2- 19 32

Govt. regret their inability to accept the S.G.'s proposal for the construction of a latrine for the servants of the nurses of the Head-quarter hospital, Mangalore.

30.1.32.

To

The S.G. (Qrs).

Dpt
Van
Post
Messenger

Date 6-2-32.